

G1 H, Me

G2 X, NO2

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 16:19:15 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 7 TO 298

PROJECTED ANSWERS: 6 TO 266

L2 6 SEA SSS SAM L1

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FULL SEARCH INITIATED 16:19:24 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 62 TO ITERATE

100.0% PROCESSED 62 ITERATIONS

37 ANSWERS

SEARCH TIME: 00.00.01

L3 37 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.36

178.57

FILE 'CAPLUS' ENTERED AT 16:19:31 ON 03 APR 2008

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FILE LAST UPDATED: 2 Apr 2008 (20080402/ED)

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=> s l3

L4 2 L3

=> d ibib abs hitstr tot

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

ACCESSION NUMBER: 2007:04474 CAPLUS

DOCUMENT NUMBER: 147301126

TITLE: 3-Arylamino-2*H*,2,4-benzothiadiazin-5-ol 1,1-dioxides

AUTHOR(S): as novel and selective CCR2 antagonists Wang, Yonghui; Busch-Petersen, Jakob; Wang, Feng; Ma, Leping; Fu, Wei; Morris, Jeffrey M.; Olin, Gary; Palovich, Michael R.; Shen, Jang-Kang; Burnas, Miriam; Foley, James J.; Schmidt, Dolcie R.; Benaberg, Gerald R.; Sarav, Henry M.; Winkowski, Katherine L.; Discovery Medicinal Chemistry, Molecular Discovery Research, GlaxoSmithKline, Collegeville, PA, 19426, USA

COOPERATE SOURCE: Bioorganic & Medicinal Chemistry Letters (2007), 17(14), 2964-2967

SOURCE: CODE: IMCLIS, ISSN: 0960-5964

FILE SOURCE: Elsevier Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CHEMABT 147301126

AB A series of 3-arylamino-2*H*,2,4-benzothiadiazin-5-ol 1,1-dioxides were prepared and shown to be novel and selective antagonists of the CCR2 receptor. Synthesis, structure and activity relationships, selectivity, and some developability properties are described.

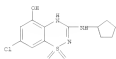
IT 82014-10-6 947159-66-3 947159-67-3

947159-68-4

EL: PAC (Pharmacological activity); RIOL (Biological study) [Preparation of 3-arylamino-2*H*,2,4-benzothiadiazin-5-ol 1,1-dioxides as CCR2 antagonists]

RI 82014-10-6 CAPLUS

CH 48-1,2,4-Benzothiadiazin-5-ol, 7-chloro-3-(cyclopentylamino)-, 1,1-dioxide (CA INDEX NAME)

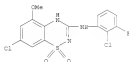


RI 947159-66-1 CAPLUS

CH 48-1,2,4-Benzothiadiazin-5-ol, 7-chloro-3-[(phenylmethyl)amino]-, 1,1-dioxide (CA INDEX NAME)

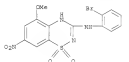
14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CH 48-1,2,4-Benzothiadiazin-3-amine, 7-chloro-N-[2-chloro-3-fluorophenyl]-5-methoxy-, 1,1-dioxide (CA INDEX NAME)



RI 947159-63-1 CAPLUS

CH 28-1,2,4-Benzothiadiazin-3-amine, N-[2-bromophenyl]-5-methoxy-7-nitro-, 1,1-dioxide (CA INDEX NAME)



IT 820214-07-1P 820214-12-8P 820214-14-0P

820214-15-1P 947159-39-3P 947159-40-3P

947159-41-3P 947159-42-3P 947159-43-3P

947159-44-3P 947159-45-3P 947159-46-3P

947159-47-3P 947159-48-3P 947159-49-1P

947159-50-4P 947159-51-5P 947159-53-7P

947159-54-3P 947159-55-3P 947159-56-0P

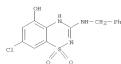
947159-57-1P 947159-58-2P 947159-59-3P

EL: PAC (Pharmacological activity); SPN (Synthetic preparation); RIOL (Biological study); PREP (Preparation) [Preparation of 3-arylamino-2*H*,2,4-benzothiadiazin-5-ol 1,1-dioxides as CCR2 antagonists]

RI 820214-07-1 CAPLUS

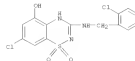
CH 48-1,2,4-Benzothiadiazin-5-ol, 7-chloro-3-[(2-chlorophenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RI 947159-67-3 CAPLUS

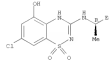
CH 48-1,2,4-Benzothiadiazin-5-ol, 7-chloro-3-[(11*H*-1-methylpropylamino)-, 1,1-dioxide (CA INDEX NAME)



RI 947159-68-4 CAPLUS

CH 48-1,2,4-Benzothiadiazin-5-ol, 7-chloro-3-[(1*H*)-1-methylpropylamino]-, 1,1-dioxide (CA INDEX NAME)

Absolute stereochemistry.

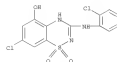


IT 947159-64-0P 947159-65-1P

EL: PAC (Pharmacological activity); RC7 (Reactant); SPN (Synthetic preparation); RIOL (Biological study); PREP (Preparation); IACT (Reactant or reagent) [Preparation of 3-arylamino-2*H*,2,4-benzothiadiazin-5-ol 1,1-dioxides as CCR2 antagonists]

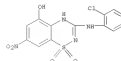
RI 947159-64-0 CAPLUS

14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



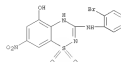
RI 820214-12-8 CAPLUS

CH 28-1,2,4-Benzothiadiazin-3-ol, 3-[(2-chlorophenyl)amino]-7-nitro-, 1,1-dioxide (CA INDEX NAME)



RI 820214-14-0 CAPLUS

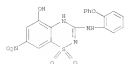
CH 28-1,2,4-Benzothiadiazin-3-ol, 3-[(2-bromophenyl)amino]-7-nitro-, 1,1-dioxide (CA INDEX NAME)



RI 820214-15-1 CAPLUS

CH 28-1,2,4-Benzothiadiazin-3-ol, 7-nitro-3-[(2-phenoxyphenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

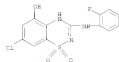
14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XX 947159-39-9 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 7-chloro-3-(phenylamino)-, 1,1-dioxide
(CA INDEX NAME)

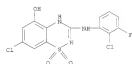


XX 947159-40-2 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 7-chloro-3-[(2-fluorophenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

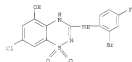


XX 947159-41-3 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 3-[(2-bromophenyl)amino]-7-chloro-, 1,1-dioxide (CA INDEX NAME)

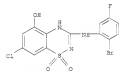
14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XX 947159-43-7 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 3-[(2-bromo-4-fluorophenyl)amino]-7-chloro-, 1,1-dioxide (CA INDEX NAME)

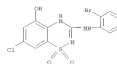


XX 947159-44-8 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 3-[(2-bromo-5-fluorophenyl)amino]-7-chloro-, 1,1-dioxide (CA INDEX NAME)

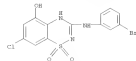


XX 947159-47-8 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 3-[(2-bromo-6-fluorophenyl)amino]-7-chloro-, 1,1-dioxide (CA INDEX NAME)

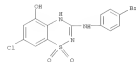
14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XX 947159-42-4 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 3-[(3-bromophenyl)amino]-7-chloro-, 1,1-dioxide (CA INDEX NAME)

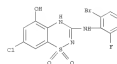


XX 947159-43-5 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 3-[(4-bromophenyl)amino]-7-chloro-, 1,1-dioxide (CA INDEX NAME)

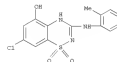


XX 947159-44-6 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 7-chloro-3-[(2-bromo-3-fluorophenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

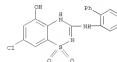
14 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XX 947159-48-0 CAPLUS
CN 28-1,2,4-Benzothiadiazine-3-ol, 7-chloro-3-[(2-methylphenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

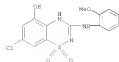


XX 947159-49-1 CAPLUS
CN 48-1,2,4-Benzothiadiazine-3-ol, 3-[(1,1'-biphenyl)-2-ylamino]-7-chloro-, 1,1-dioxide (CA INDEX NAME)

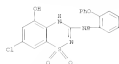


XX 947159-50-4 CAPLUS
CN 48-1,2,4-Benzothiadiazine-5-ol, 7-chloro-3-[(2-methoxyphenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

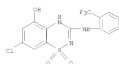
14 ANSWER 1 OF 2 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



RI 947159-11-5 CAPLOS
 CI 2,4-benzothiadiazin-5-ol, 7-chloro-3-[(2-phenoxyphenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

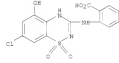


RI 947159-13-7 CAPLOS
 CI 4,6-1,2,4-benzothiadiazin-5-ol, 7-chloro-3-[(2-trifluoromethylphenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

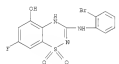


RI 947159-54-8 CAPLOS
 CI 4,6-1,2,4-benzothiadiazin-5-ol, 7-chloro-3-[(2-trifluoromethoxyphenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

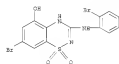
14 ANSWER 1 OF 2 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



RI 947159-58-2 CAPLOS
 CI 4,6-1,2,4-benzothiadiazin-5-ol, 3-[(2-bromophenyl)amino]-7-fluoro-, 1,1-dioxide (CA INDEX NAME)

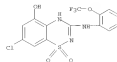


RI 947159-59-3 CAPLOS
 CI 4,6-1,2,4-benzothiadiazin-5-ol, 7-bromo-3-[(2-bromophenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

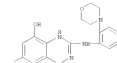


IT 820214-09-2P 820214-09-2P 947159-63-9P
 RI: NOT (Reactant); SM: (Synthetic preparation); PREP (Preparation); MACT (Reactant or reagent)
 Preparation of 2-arylamino-2,4,6-benzothiadiazin-5-ol
 CAC:2 antagonists
 RI 820214-08-2 CAPLOS
 CI 2,4-benzothiadiazin-5-ol, 7-chloro-5-methoxy-, 1,1-dioxide (CA INDEX NAME)

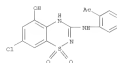
14 ANSWER 1 OF 2 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



RI 947159-55-9 CAPLOS
 CI 4,6-1,2,4-benzothiadiazin-5-ol, 7-chloro-3-[(2-(4-morpholino)phenyl)amino]-, 1,1-dioxide (CA INDEX NAME)

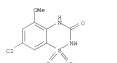


RI 947159-56-0 CAPLOS
 CI 2-[(7-chloro-5-hydroxy-1,1-dioxido-4,6-1,2,4-benzothiadiazin-3-yl)amino]phenyl- (CA INDEX NAME)

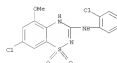


RI 947159-57-1 CAPLOS
 CI Benzoic acid, 2-[(7-chloro-5-hydroxy-1,1-dioxido-4,6-1,2,4-benzothiadiazin-3-yl)amino]- (CA INDEX NAME)

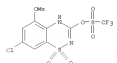
14 ANSWER 1 OF 2 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



RI 820214-09-3 CAPLOS
 CI 2,4-benzothiadiazin-3-amine, 7-chloro-5-(2-chlorophenyl)-5-methoxy-, 1,1-dioxide (CA INDEX NAME)



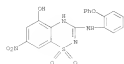
RI 947159-63-9 CAPLOS
 CI Methanesulfonic acid, 1,1,1-trifluoro-, 7-chloro-5-methoxy-3,1-dioxido-2,4-benzothiadiazin-3-yl ester (CA INDEX NAME)



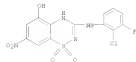
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L4 ANNEA 2 OF 2 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



XX S0214-16-2 CAPLOS
 CH 28-(1,1,4-benzothiadiazin-5-yl)-3-[(2-chloro-3-fluorophenyl)amino]-7-nitro-1,1-dioxide (CA INDEX NAME)



IT S0214-08-2NP, reaction products with triflic anhydride
 S0214-13-3P
 RA RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (Group of 11-3 receptor antagonists of substituted 3-phenylamino-6a-2,4-benzothiadiazin-5-yl 1,1-dioxides for treatment of inflammations and CNS disorders and other chemokine related disorders)
 XX S0214-08-2 CAPLOS
 CH 28-(1,1,4-benzothiadiazin-5(4H)-one, 7-chloro-5-methoxy-, 1,1-dioxide (CA INDEX NAME)



XX S0214-13-5 CAPLOS
 CH 28-(1,1,4-benzothiadiazin-5(4H)-one, 5-methoxy-7-nitro-, 1,1-dioxide (CA INDEX NAME)

L4 ANNEA 2 OF 2 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

